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(71) Applicant (for all designated States except US): **ABB RESEARCH LTD.** [CH/CH]; Affolternstrasse 52, CH-8050 Zürich (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ISBERG, Peter** [SE/SE]; Lindskärsv. 15, S-725 92 Västerås (SE).

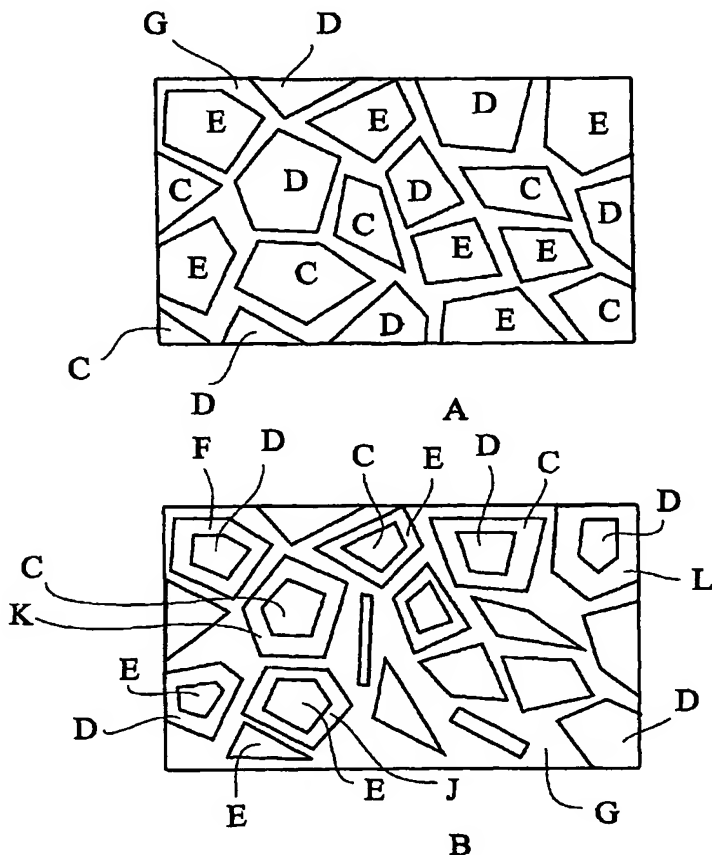
EKLUND, Per [SE/SE]; Sandgatan 12B, S-582 35 Linköping (SE). **EMMERLICH, Jens** [SE/SE]; Rydsvägen 246A 21, S-584 34 Linköping (SE). **HULTMAN, Lars** [SE/SE]; Uvebergsvägen 20, S-589 31 Linköping (SE). **HÖGBERG, Hans** [SE/SE]; Banérgatan 13, S-582 32 Linköping (SE). **LJUNGCRANTZ, Henrik** [SE/SE]; Kobergsgränd 4, S-587 21 Linköping (SE).

(74) Agent: **ABB, AB**; Legal & Compliance/Intellectual Property, Forskargränd 8, S-72178 Västerås (SE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,

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(54) Title: COATINGS OF $M_{n+1}AX_n$ MATERIAL FOR ELECTRICAL CONTACT ELEMENTS



(57) Abstract: An element for making an electric contact to a contact member (5, 15, 19, 41) for enabling an electric current to flow between said element and said contact member, said element (3,14, 42) comprising a body (6) having at least a contact surface (2, 4, 16, 43, 44) thereof coated with a contact layer applied against said contact member. The contact layer comprises a film comprising a multielement material with equal or similar composition as any of a layered carbide or nitride that can be described as $M_{n+1}AX_n$, where M is a transition metal or a combination of a transition metals, n is 1, 2, 3 or higher, A is an group A element or a combination of a group A element, element and X is Carbon, Nitrogen or both.



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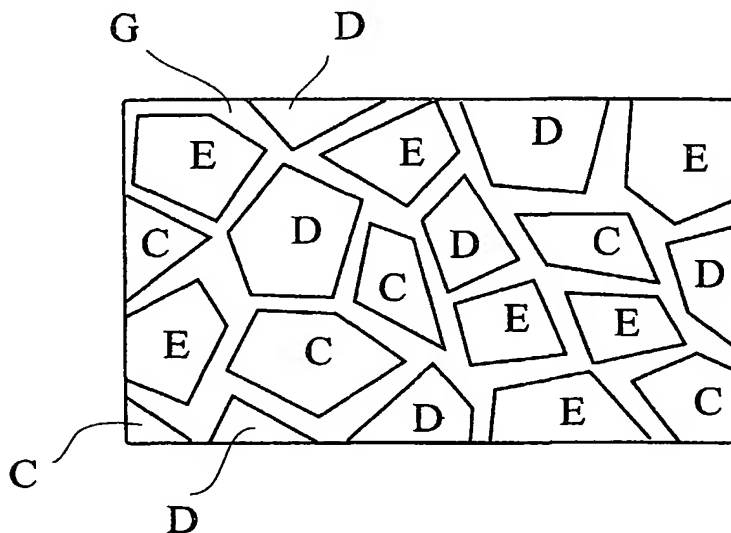
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